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Wallace W. Atwood

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January 14, 1931

Col. C. G. Thomson, Superintendent
Yosemite National Park
Yosemite, California

My dear Colonel Thomson:

I have just read a copy of a letter from Walter L. Huber to Director Albright. You probably know about what this letter contains. I have replied congratulating Albright, and I want to drop you a line congratulating you on such a fine, appreciative report of the work which you have done in the Yosemite National Park.

Many of our efforts as administrators go unnoticed for sometime. Difficult problems must be met and solved, and it seems often as if no one realized that they were solved. Is not that in itself an indication of efficiency? Improvements were made without any jarring, or without conflict, and the world moved on a little better because of our efforts. You certainly deserve the credit for having accomplished the solution of many difficult problems in a very efficient way.

I hope I am going to see the Yosemite in winter as well as Mr. and Mrs. Huber did.

Cordially yours

January 17, 1931

Dr. Harold Bryant
National Park Service
Department of the Interior
Washington, D. C.

My dear Dr. Bryant:

This morning I received a letter from Dr. Merriam, indicating that he is asking you to call a meeting of the National Park Advisory Board in the latter part of February or early in March.

It happens that I shall be in Washington on the 20th of February on my way northward from Gainesville, Florida, after attending the Institute of Inter-American Affairs. I have an important meeting in Washington on the 20th, and I could remain over for the 21st if a meeting of our Board could be put on that day. I fear that after returning to Worcester I shall be swamped with duties and unable to get back to Washington very soon.

Cordially yours

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YOSEMITE NATIONAL PARK
CALIFORNIA

OFFICE OF THE SUPERINTENDENT

January 23, 1931

Dr. Wallace W. Atwood, President
Clark University
Worcester, Massachusetts

Dear Doctor Atwood:

Thanks very much for your letter of January 14.

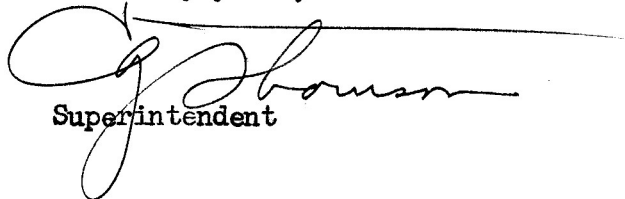
These bouquets don't come so often that they are not appreciated. It sometimes seems to me that we become agile dodging brickbats, although I suppose we become spoiled and supersensitive in this service.

I have read with a good deal of interest the bulletins of the Society outlining the creation of new committees.

With your own work to do and all of the various public services to which you have committed yourself, you certainly must be one busy man. One of the great privileges of my job is the association with members of the public spirited groups that are so interested in the parks.

Wish you and I were going to meet again this summer at Thousand Isle Lake!

Cordially yours,


Superintendent

CGT:EB

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

February 3, 1931.

MEMORANDUM FOR DR. BRYANT.

RE MEETINGS OF THE EDUCATIONAL COMMITTEE AND ADVISORY BOARD.

1. Map-Modeling Division: One of the finest additions that could be made to our educational work would be the establishment of a map-modeling division under the direction of a Swiss map modeler. I am in touch with several men who I believe would be ideally suited for this type of work and who very likely would accept employment of such a nature in this country.

Relief models of the European type would be of inestimable value both to the educational program and to the general administration of the parks. I estimate that a model of a park such as Mount Rainier would cost in the neighborhood of \$5,000.00. In view of some of the exorbitant prices which have been paid by the Department of the Interior in the past for ordinary paintings for exhibit purposes of only temporary value, it seems as though we would be more than justified in expending \$5,000.00 each for models of the national parks which would have permanent value in our park program. The models would not only show geology and relief features but also the trails, camps, and distribution of vegetation. Much valuable information can be placed upon these attractive relief maps.

2. Name for the Present Branch of Education: Of the many suggestions the following are perhaps the most worthy of consideration:

Branch of Field Science
Branch of Field Sciences
Branch of Field Science Education
Branch of Research and Education
Branch of Outdoor Education.

3. A National Parks Field Science Summer School: An outdoor summer school, governed by a Board of Directors composed of leading scientists and educators of this country, designed to use the national parks as field laboratories for the study of science. At the outset the school would operate in but three parks (perhaps Grand Canyon, Yellowstone, and Glacier). In each of these parks throughout a six-weeks summer season there would be stationed a high-grade man familiar with the geology, biology, and zoology of the park. In the course of the six-weeks summer school this instructor would be in charge of three groups of students, each group remaining with

him for a period of two weeks. During the two weeks the instructor would lead his students into the field and give them a chance to do some mapping and to train themselves in the interpretation of the landscape. The course would be entirely in the field except when the weather necessitated staying in camp. At such times the students would prepare office maps, identify their specimens, and interpret their observations.

At the completion of the two-weeks course at park No. 1 the group would move to park No. 2. Similar shifts would be made by the groups which started at parks No. 2 and No. 3. In the course of the summer each group will have spent two weeks in each of three different parks.

The desirability of studying nature in the field is unquestioned. In view of the permanent character of the national parks, these areas will continue to offer excellent opportunity for scientific study. If the proposed summer school is a success in three of the parks it can very readily be extended to include any number of parks where opportunities for field study are present.

4. Research Reserves: A policy has already been prepared.

5. A System of Trail Camps in Sequoia National Park: At the present time very few people who visit Sequoia National Park see more than the small area about Giant Forest. In view of this unfortunate situation which arises from the relative inaccessibility of the eastern area of the park, it is suggested that a series of five cabins be constructed at convenient intervals in order that at least the more ambitious of the visitors could see the eastern section of the park with assurance of safety at nightfall at minimum expense. The cabins should be approximately 25 x 35 feet in size, and placed at a distance of one day's hike from each other. The suggested locations are as follows: Redwood Meadow, Black Kaweah, Chagoopa Falls, Junction Meadow, and at the foot of Mt. Whitney. These small but well constructed cabins would make it possible for hikers to go from Giant Forest to the summit of Mt. Whitney and return in the course of six or seven days.

Blankets would be supplied at a very low cost and principal food staples would be on sale at as low a figure as possible. It is hoped that the men in charge of the cabins will be trained naturalists who can join in fireside discussions and help the visitors to see and understand the surrounding country.

The inspiration and education derived from such hiking trips through the wild, mountainous country of Sequoia National Park would be of inestimable value. The installation of such a system of camps would add greatly to our educational program. The chief obstacle in the way of realizing this enterprise is one of securing sufficient funds. Would it not be possible to obtain the necessary support from private foundations providing the Park Service in cooperation with the concessionaires were to guarantee to maintain and operate the cabins and lend full support to the enterprise?

6. A Division of Geographic Investigation: A division to be established as soon as possible and maintained just so long as scientific investigation is of specific value to the educational program. The responsibilities of this proposed division would be to conduct all investigations pertaining to physiography, geology, distribution of vegetation, influences of climate upon soils and vegetation, and all related subjects. Furthermore, the division would be responsible for the preparation of scientific and non-technical manuscripts to be published by the Service for use in the educational work.

In case the establishment of such a division is inadvisable because of increased organization arising therefrom, it might be possible to redefine the duties of certain existing positions to include the proposed responsibilities.

The Advisory Board has stated that this type of work is absolutely essential to the educational program. We have followed most of the recommendations made by this Board but we have made no provision for these very important studies to be carried on. We continue under the assumption that through some fortunate circumstance we will acquire the necessary information on which to base our scientific program.

The recent proposal to appoint Dixon as field naturalist in charge of zoological investigations within the parks is a real step towards recognizing the value and the necessity of such research investigations. Is it not therefore essential that we include in the duties of our present staff the provision that such geographic investigations as have been mentioned above be systematically carried out toward the end of enriching our geographic and geologic program?

7. A National Park Magazine: There is a very urgent need -- in fact, a demand -- for a National Parks magazine which will operate for our Service as the American Forestry Magazine operates for the Forest Service. We have the finest material in the country for magazine articles as is proved by the fact that the NATIONAL GEOGRAPHIC, the American Forestry Association, and many other organizations have frequently used national park subjects for their leading numbers. We must come into our own. How can we accomplish the desired end? Who can undertake the responsibility? Immediately I suggest the National Parks Association. The recent reorganization is bound to give the necessary power and prestige to carry on such a worth-while project. If we are in a position to help the Association to inaugurate such a magazine I recommend that we act. If we cannot assist financially, I strongly recommend that we give our moral support and all other assistance which we are capable of supplying. We need a high-grade magazine to act as our broadcaster. It is essential to proper administration and to the successful development of our educational program. Why not make a specific recommendation to the National Parks Association urging that it fill this national park need?

W. R. Atwood.

Nat Park
MINUTES OF THE MEETING OF THE EDUCATIONAL ADVISORY BOARD.

Department of the Interior Building,
Washington, D. C.,
February 21, 1951.

Dr. H. C. Bumpus, Chairman of the Educational Advisory Board, called the meeting to order at 12.20 P. M. There were present Dr. W. W. Atwood, Dr. H. C. Bumpus, Dr. Vernon Kellogg, and Dr. Frank R. Oastler. Dr. Oastler was elected secretary. Dr. H. C. Bryant was then invited in as a representative of the National Park Service.

In a discussion of museum needs Dr. Atwood emphasized the need for archeological museums in the southwest monuments, at least three museums centers in Glacier National Park, and a small one in Grand Teton National Park. Dr. Oastler emphasized the need for developing a museum in the community building at Paradise in Mt. Rainier, also emphasized the need for headquarters and community hall and museum at several points in Glacier Park. Dr. Bumpus called attention to the need for small trailside museums at Canyon and Tower Falls and a larger one at Mammoth in order to complete the series in Yellowstone.

On motion of Dr. Oastler, it was recommended that the Board approve:

1. Museum extension: (a) The completion of the Trailside Museums in Yellowstone National Park and that the Secretary of the Interior be requested to apply for the additional funds necessary. (b) The establishment of field science stations in Mt. Rainier, Glacier, and Grand Teton national parks.

A list of questions suggested by the Director of the National Park Service was then taken up in order and the following statements approved:

2. Endowment: It is the judgment of the Board that an Act should be passed by Congress providing for a Trust Fund Committee similar to that of the

Library of Congress to receive endowments for prosecuting the educational program.

3. Publications: Publications of the National Park Service should be of four general types: (a) Circulars of information; (b) Park NATURE NOTES; (c) Informational leaflets; (d) Technical scientific publications.

4. Approach highway features: In the revision of the circulars of information a description of approach features close to the parks can and should be added.

5. Features of park-to-park highways: Some outside agency should be interested in the project of compiling a guidebook which would bring out features of interest along the park-to-park highway.

6. Winter tour of Southwest monuments: The Board will be glad to consider a detailed plan outlining a winter tour of the Southwest monuments emphasizing the educational values.

7. Colonial National Monument development: A special committee of men interested in American history and in historical exhibition should be appointed to visit the Colonial National Monument and advise the National Park Service as to educational developments.

8. Relief maps: It is highly important that new and improved relief maps be provided for the various parks as an aid to the educational program.

9. Name: A change of name from the "Branch of Education" to the "Branch of Research and Education" is recommended.

Dr. Atwood suggested there should be an information station placed at Tipsoo Lake, the new east entrance to Mt. Rainier National Park. He also

stressed the importance of providing suitable and dignified places within the parks to care for the lecture program. He indicated that the sooner provision could be made for suitable quarters outside of the hotels the better it would be for the lecture program.

There being no further business the meeting was adjourned at 4.45 P. M. It was indicated that the Board would try to meet twice yearly.


Frank R. Oastler, Secretary.

MINUTES.

COMMITTEE ON EDUCATIONAL PROBLEMS IN NATIONAL PARKS.

Department of the Interior Building,
Washington, D. C.,
February 21, 1931.

The meeting of the Committee on Study of Educational Problems in the National Parks set for February 21, 1931, was called to order by Chairman Merriam at 10.15 A. M. There were present Dr. W. W. Atwood, Dr. H. C. Bryant, Dr. H. C. Bumpus, Dr. Vernon Kellogg, Dr. J. C. Merriam, and Dr. Frank R. Oastler. Director Albright was present for part of the session.

The work of the Committee was reviewed by the Chairman and an explanation was made of the printed reports of the Committee. Discussion then centered upon developments at the Sinnott Memorial in Crater Lake National Park. It was pointed out that the Carnegie Institution had given \$5,000.00 for installations. This sum has been accepted by the National Academy of Sciences and a committee including Dr. John C. Merriam, Chairman, Dr. Whiting, President of the Federated Society of Arts, Dr. David White, and Dr. Fred Wright has been appointed, with a fifth member to be appointed, to develop a plan.

It was pointed out that there is grave need for a re-study of the geology of Crater Lake National Park. Dr. Oastler suggested that the boat trip on Crater Lake could be utilized educationally. He pointed out that if a rest house were built at the far end of the lake it would give people an opportunity for coming into intimate contact with the beauty of the region and its geology.

Dr. Merriam called attention to the need for unity in the educational program, suggesting that it should be explained to people that there are certain points where they ought to go if they would best understand the features of the park. It is hoped that the Sinnott Memorial will be an orientation station on places and things helpful in interpreting the park.

Dr. Bumpus suggested that a publication, perhaps like PARAPET VIEWS or TRAILSIDE NOTES, could be useful in getting people to see certain places.

Dr. Atwood then moved that the plan as presented be approved. This, seconded by Dr. Bumpus, was passed unanimously.

After a short discussion on roads, it was decided that roads should be of two classes: 1, Those used for arrival and departure or carrying through traffic; and, 2, those which are scenic and particularly useful from an educational standpoint. It was voted to call the attention of the National Park Service to the importance of distinguishing these two classes of roads.

Dr. Oastler made a motion conveying the thanks of the Committee to Chairman Merriam for his splendid work and for the manner in which the work of the Committee had been brought to completion. A unanimous vote followed the putting of the motion by Dr. Kellogg.

Dr. Bumpus made a motion that the Secretary be requested to send a letter of appreciation to Honorable Louis C. Cramton for his aid in helping to put into effect the recommendations of the Committee.

As it seemed to be the consensus of opinion that the main work of the Committee had ended, a motion to disband was made and passed.


H. C. Bryant, Secretary.

March 4, 1931

Mr. O.M. Schantz
137 South LaSalle St.
Chicago, Ill.

Dear Mr. Schantz:

It is a pleasure to hear directly from you. I am reminded of our many pleasant associations in Chicago and of the very interesting days we had in the Big Smokies.

Your letter raises questions which must go directly to the Parks Service and I am sending your letter on with an accompanying introductory letter so that I think it will receive very kind attention.

Cordially yours

Gurley, Ala.
Mar. 9, 1931.

Dr. Atwood
President Clark University
Worcester, Mass.

My dear Dr. Atwood:

In search of summer employment, I was told that you were on the board of directors of the National Parks of the United States. If possible, I would appreciate your sending me the address of the person or persons to whom I should write for application blanks, to apply for work in the National Parks.

Thanking you for any information you can furnish me, I am

Respectfully,

Oline Clopton

Shrewsbury, Mass.,
March 11, 1931.

Dr. Wallace W. Atwood,
160 Woodland Street,
Worcester, Mass.

Dear Dr. Atwood:

Knowing of your interest in the National Parks of our country, I am taking the liberty to write you and perhaps seek a favor providing you are in a position to grant one.

My interest in this line of work prompts me to ask if it is within your power to either recommend me for one of the various positions in connection with National Park work or perhaps secure an appointment direct from you?

To relate my experience and interest in this work would I am sure be more satisfactory through the medium of an interview providing you thought it might be beneficial so far as I am concerned.

Assuring you of any courtesy you might extend to me shall be greatly appreciated, I am

Very truly yours,

Robert C. Hickson

March 12, 1931

Mr. Robert C. Hickson
Shrewsbury, Mass.

Dear Mr. Hickson:

Write directly to the Director of the National Parks Service, Department of the Interior, Washington, D.C., and indicate the kind of work which you would like to do in the National Parks during the summer and ask for suitable application blanks.

Many of the staff for next summer have already been selected so I would advise you to act promptly.

Yours very truly

March 12, 1931

Miss Olive Clopton
Gurley
Alabama

Dear Miss Clopton:

Write directly to the Director of the National Parks Service, Department of the Interior, Washington, D.C., and indicate the kind of work which you would like to do in the National Parks during the summer and ask for suitable application blanks.

Many of the staff for next summer have already been selected, so I would advise you to act promptly.

Yours very truly

Ack. - March 24/31

March 13, 1931.

MEMORANDUM FOR MR. EDWARDS:

I am submitting herewith a copy of "The Five Year Plan" for the Educational Department, which was worked up in June, 1930.

In view of recent developments I wish to submit this plan to you to be used as you so desire.

Respectfully submitted,

Darr G. Yeager,
Park Naturalist.

DGY/mjh

CC The Director
Dr. H. C. Humpus
Carl Russell
Ansel Hall
Dr. Atwood ✓

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

EDUCATIONAL DEPARTMENT
FIVE YEAR PLAN

(Exclusive of Museum Development)
(June 1930 - June 1935)

Yellowstone Park, Wyo.
June 1, 1930.

Dorr C. Yeager,
Park Naturalist.

F. Atwood

EDUCATIONAL DEPARTMENT
YELLOWSTONE NATIONAL PARK

FIVE YEAR PLAN
(June 1930 - June 1935)

(Exclusive of Museum Development)

1. Ranger Naturalist Staff:

A. Requirements: The requirements for the position of Ranger Naturalist are to be gradually raised during the next five years as money for increased salaries becomes available. By 1935 Ranger Naturalists will be:

1. Not less than 35 years of age.
2. Individuals of recognized standing in educational and scientific circles.

B. Salaries: By 1934 the salaries paid to Ranger Naturalists will be commensurable to the salaries paid at summer schools. These men will be able to return to the park year after year without feeling that they are doing so at a financial sacrifice. Not until then will we be able to retain high grade men in the work. The plan for salary increase is as follows:

	<u>Seniors</u>	<u>Ranger Naturalists</u>
1930	\$ 200	\$ 155
1931	200	160
1932	255	200
1933	280	225
1934	300	250

C. Housing: It is evident from my observation and from statements made by the Director and members of the Educational Committee that Ranger Naturalists should not be quartered in Ranger stations, inasmuch as they are older men and require more hours of rest and quiet than do the younger rangers. By 1935 it is planned to have all Naturalists housed in tent colonies, separated from the Ranger Stations. The tents for married men are to be two in number connected with a fly. One to be used for cooking and one for sleeping quarters. Two unmarried Naturalists will be housed together in single tents. All tents to be 12 x 14, equipped

with board floors and side-walls, wired for electricity when available, cuts, chairs, tables, and cupboards for the cook tents. As soon as a definite decision can be obtained from the Landscape Division on a location these tent colonies will be started. The frames are to be constructed by 1933 at the latest and in number are, roughly, as follows:

	<u>Doubles</u>	<u>Singles</u>
Mammoth	4	3
Old Faithful	4	3
West Thumb	1	
Fishing		
Bridge	2	2
Canyon	1	1
Tower Falls	1	

It is planned that the Naturalists on duty in the Lake District be housed as a unit in the vicinity of the Fishing Bridge Museum. The Fishing Bridge Museum car (see under "Transportation") will be available for their transportation from Fishing Bridge to Lake proper. The above chart will amply care for the staff in 1933 but will have to be enlarged to accommodate an increased staff for the next two years.

D. Married Naturalists: It is quite evident that the type of man which we desire will, as a general rule, be married and desire to bring his wife with him. Heretofore, the only objection to married men has been the housing situation. This has been amply cared for under "Housing." In my opinion married men should be encouraged to bring their wives after these facilities are provided.

E. Length of Hours: If the increase in personnel which will be asked for within the next five years is permitted, the length of hours required of Naturalists will be appreciably shortened. It is impossible to draw up a plan for shortened periods of work because we are not aware as yet of what staff increase will be granted. Within the next five years, however, it is planned that one man will not be required to do more than one of the following per day:

1. Two field trips.
2. One lecture and one field trip.
3. Four hours of museum duty and one field trip or one lecture.

It is planned that the rest of his time shall be spent in study, observations, or leisurely public contact.

F. Increased Staff: The plans on an increased staff are very definite, but their fulfillment is uncertain because we do not know how many additional men will be allowed each year.

It is hoped that during the summer of 1934 (the last summer covered by this plan) 35 Ranger Naturalists will be at work in the Yellowstone Park. The increase is planned as follows:

1930	17 naturalists
1931	22 "
1932	31 "
1933	32 "
1934	35 "

These additions will be utilized as follows:

<u>1930</u>	Mammoth	5*
	Old Faithful	7
	Lake	1
	Fishing Bridge	1
	Canyon	1
	Tower Falls	1
	Mt. Washburn	1

*Includes Head Ranger Naturalist. Position to be changed to Relief Ranger Naturalist in 1931.

<u>1931</u>	Mammoth	6 (includes Relief Ranger Nat.)
	Old Faithful	7
	Norris Museum	1
	Lake	1
	Fishing Bridge	3
	Canyon	2
	Mt. Washburn	1
	Tower Falls	<u>1</u>
		22

<u>1932</u>	Mammoth	7
	Norris Museum	1
	Madison Museum	1
	Old Faithful	9
	West Thumb	1
	Lake	1
	Fishing Bridge	4
	Canyon	2
	Mt. Washburn	1
	Tower Falls	<u>1</u>
		28
	Relief Naturalists	2
	Nature Trail and Shrine caretaker	<u>1</u>
		31

1933

Mammoth	7
Norris Museum	1
Madison Museum	1
Old Faithful	9
West Thumb	1
Lake	1
Fishing Bridge	4
Canyon	3
Mt. Washburn	1
Tower Falls	1
	<u>29</u>
Relief Naturalists	2
Nature Trail and	
Shrine caretaker	1
	<u>32</u>

1934

Mammoth	7
Norris Museum	2
Madison Museum	1
Old Faithful	9
West Thumb	1
Lake	1
Fishing Bridge	5
Canyon	3
Mt. Washburn	1
Tower Falls	1
	<u>31</u>
Relief Naturalists	3
Nature Trail and	
Shrine caretaker	1
	<u>35</u>

It is planned that in 1931 arrangements be made through the Bureau of Fisheries to have them place a man at the Lake Fish Hatchery for information duty until such a time as our staff permits relieving him. This move will relieve the man at Lake of considerable work. It is also planned that, until we are able to place two men at Lake, the work at Fishing Bridge will be so arranged as to allow some duties being performed at the Lodge and Hotel by a man regularly assigned to Fishing Bridge. Under "Plans for Individual Stations" appear the enlarged activities which will be brought about by this personnel increase.

0. Administration of Ranger Naturalist Staff: It is planned to continue the position of Head Ranger Naturalist during the season of 1930. In 1931, however, this position is to be done away with and reallocated to the position of Relief Ranger Naturalist, thereby freeing administrators from routine relief duty.

The work heretofore performed by the Head Ranger Naturalist will be taken over by Mr. Joyner, the Junior Park Naturalist. During the summers of 1930 and 1931 Senior Ranger Naturalists will be continued at Mammoth, Old Faithful and Lake. In 1932, however, it is planned to eliminate the Mammoth position and reallocate it to the position of Ranger Naturalist as there seems to be little need of the position when the men are in such close contact with the Park Naturalist's office.

H. Conferences: It is planned, beginning in 1931 when the person in charge of the staff will have more available time, due to the establishment of the Relief Naturalist position, to call weekly conferences at the various points to talk over problems. The Junior Park Naturalist will be in charge of these and whenever possible the Park Naturalist and Station Chief should also attend. Conferences are to be called at a time when as many of the men as possible can attend.

I. Relief: The Director has approved relief of one day per week for each man. In 1930 it will be necessary for the Head Ranger Naturalist to give this relief with assistance from the Park Naturalist and the Junior Park Naturalist. This relief will consist of approximately $2\frac{1}{2}$ days per man for the summer. In 1931 the Relief Ranger Naturalist will take over all relief but this will allow only about $1\frac{1}{3}$ days per month relief for each man. In 1932 it is planned to add another Relief Naturalist which will allow the men 2 days per month off. In 1934 a third relief man will be added which will care for 3 days relief for each man during the summer.

J. Transportation: Transportation of administrators about the park and transportation of Naturalists to and from their work has been a serious problem, especially in such places as Canyon and Tower Falls. Museum cars are also needed. The plans for additional transportation are as follows:

1930 2 new cars, one for Park Naturalist and one for Head Ranger Naturalist. Turn the old museum Ford (#21) over to the Junior Park Naturalist.

1931 1 new car, which will supply the Park Naturalist, Junior Park Naturalist and Relief Naturalist each with one car. Turn #21 over to the Old Faithful Museum.

1932 2 new cars, for Park Naturalist and Junior Park Naturalist. This frees 4 cars to be used as follows:

Old Faithful Museum	1
Relief Naturalists	2
Fishing Br. Museum	1

1933 2 new cars, for Park Naturalist and Junior Park Naturalist. This frees 6 cars. Four of which are to be used as in 1932 and one to go to Canyon and one to Tower Falls.

1934 1 new car, to replace #21, now over 5 years old.

This plan represents an outlay of \$5165.92, but will be worth much more than that in efficiency of operation.

E. Ranger Naturalist Activities (General):

A. Field Trips: One of the principal difficulties with field trips at present is the fact that the men are forced to conduct too many people at one time, thus lowering the efficiency and the quality of the work accomplished. There are four principal plans for the betterment of this service which will be put into effect within the next five years.

1. With the increased staff more trips will be given and the tourist will be offered a more diversified program in the field.
2. The increased staff will allow smaller parties to be taken afield. The maximum number in each party should be 50.
3. The trails will be reorganized so that the trips are, as a rule shorter than at the present time.
4. When the nature trail program is completed guides will not be forced to conduct parties over "signed trails."

B. Lectures: Within the next five years all possible lectures will be illustrated either by slides or motion pictures. The expansion along this line is planned as follows:

- | | |
|-------------|---|
| <u>1930</u> | Begin illustrated lectures (slides) at Mammoth Hotel, Lake and Canyon Lodge. |
| <u>1931</u> | Begin illustrated lectures (slides) at Fishing Bridge Museum. |
| <u>1932</u> | Begin motion pictures at Fishing Bridge Museum and transfer the still projection equipment to Canyon Hotel. |
| <u>1933</u> | Begin motion pictures at Old Faithful Museum and transfer still projection equipment West Thumb Auto Camp. |
| <u>1934</u> | Install motion picture equipment in Mammoth and Lake Lodges and transfer still projection equipment to Mammoth Auto Camp and Tower Falls Auto Camp. |

With this plan we shall, in 1934, have 4 motion picture lectures and 6 lectures with slides, besides the numerous non-illustrated talks.

C. Auto Caravans: It is planned to install Auto Caravans as follows:

- 1930- Mammoth (to buffalo corral and over formations)
- 1931- Old Faithful (Black Sand Basin, Biscuit Basin and possibly into the Firehole Lake region)
- 1932- Canyon (to Inspiration and Artist Points)
Fishing Bridge (to Fish Hatchery)
Lake (to Fishing Bridge Museum)

D. Guided Bus Parties: It is hoped to be able to work out a cooperative arrangement with the Transportation Company whereby the bus trips will be accompanied by Ranger Naturalists.

- 1930- Naturalist accompanying bus parties on formation trips at Old Faithful.
- 1931- Naturalist accompanying bus parties on formation trips at Mammoth.
Organized bus parties running from Lake Hotel and Lodge each evening to attend Fishing Bridge lecture and to visit the museum. There will be no need of a guide on this trip and we will probably get a good attendance from the hotel and lodge at the museum and lecture by means of it.

3. Plans for Individual Stations:

The development at the various points throughout the park depends wholly upon the personnel increases. The following additions to the present educational program are based on the increases called for in this "Plan."

A. Mammoth:

- 1930 Institute evening hike from hotel and lodge to accommodate tourists arriving late and departing early. Hike must be conducted by rangers until 1931.
Institute illustrated lecture at hotel.
Begin Auto Caravan to Buffalo Corral and over formations.
- 1931 Replace ranger with naturalist on evening hike.
Shorten the Formation Trail and hike.
Establish short self-guiding nature trail separate and distinct from nature trail used by guide.
Relocate lecture area in Auto Camp.
Place Naturalist on yellow bus formation trips.
- 1932 Decrease size of parties by placing another guide on formations.
Shorten hours for naturalists.
- 1933
- 1934 Install motion pictures at Mammoth Lodge.

B. Norris Museum:

- 1930** Ranger in charge of museum.
1931 Replace ranger with naturalist at museum.
Install adequate self-guiding nature trail.
1932 Obtain longer stop-over for yellow bus tourists, thereby
allowing a lecture to be given at museum.
1933
1934 Place two naturalists at Norris.
Meet bus parties and guide tourists over formations.
If sufficient tourists are stopping at Norris by this time
begin lectures at the Auto Camp.

C. Madison Junction Museum:

- 1930** Ranger in Charge of Museum.
1931 " " " " "
1932 Replace Ranger with Naturalist.
If sufficient tourists are stopping at Madison Junction in
1933 begin lectures at Auto Camp.

D. Old Faithful:

- 1930** Begin ranger naturalists accompanying yellow bus formation
trips.
Establish short self-guiding trail separate and distinct
from trail nature guide uses.
Cease so-called "Black Sand Basin" hike and substitute
"Greater Geysers" hike as separated from "Geysers Hill"
hike. The former goes as far north as Riverside Geysers
and as far east as Daisy. The latter takes in only
Geysers Hill. Institute 4 "Geysers Hill" hikes and 2
"Greater Geysers" hikes daily. The Nature Trail will
be continued as in the past.
Establish a ranger naturalist in the northern end of the
basin to make observations as to the probable time of
eruption of geysers. Install a field phone connected
with ranger station and museum in order that he can
advise them as to eruptions. He will also contact
tourists in that section of the basin.
- 1931** Institute Auto Caravan which will include Black Sand and
Biscuit Basin.
Receive car to be used by museum and observer in basin.
- 1932** If advisable at that time institute second auto caravan
running to Firehole Lake region.
Shorten all hours through addition of two men to staff
at this point.
- 1933** Begin motion pictures in open court of museum.

E. West Thumb:

1930 Ranger meets bus parties, conducting them over formation and delivers lecture in Auto Camp at night as in the past.

1931 No change.

1932 Replace ranger with ranger naturalist. Duties the same.

1933 Install illustrated (slides) lecture in Auto Camp.

F. Lake:

1930 Install illustrated (slides) lecture at Lodge.
Cooperate with Bureau of Fisheries by placing man part time on duty at new hatchery to instruct tourists in fish culture.

1931 Obtain man from Bureau of Fisheries for fish hatchery duty.
Organize yellow bus parties in evening to Fishing Bridge Museum and lecture.
Organize boat trips in evening for Fishing Bridge Museum and lecture.

1932 Charter Lake man at Fishing Bridge. This year a car will be received for the Fishing Bridge Museum to facilitate transportation between the two points.
Relief supplied Lake man by member of staff at Fishing Bridge.
Take over Bear Lecture heretofore handled by ranger.
Organize Auto Caravan (in A.M.) to Fishing Bridge Museum.

1933 Install motion pictures in Lake Lodge.

G. Fishing Bridge:

1930 No change from previous year.

1931 Begin illustrated lecture at Museum.
Organize Auto Caravan for Fish Hatchery.

1932 Replace still projection with motion pictures.
Build self-guiding nature trail separate and distinct from trail used by nature guide.
Receive museum car.

H. Canyon:

1930 Install illustrated (slides) lectures at Lodge.

1931 Place a second naturalist at Canyon.
Replace ranger with naturalist on hotel P.M. hike.
Organize morning hike from Hotel to Point Lookout.
Organize Hotel lecture, unless it is found to conflict with Bear Lecture. If conflicts occur, take over the Bear Lecture.

1932 Install illustrated lecture at Canyon Hotel.
Organize one auto caravan to Inspiration and Artist Points.
Construct self-guiding nature trail from Lodge to Chittenden
Bridge.

1933 Place a third naturalist at Canyon.
Place car at Canyon to facilitate transportation of men to
and from their duties.
Construct self-guiding nature trail from hotel to canyon
and return.
Organize two separate auto caravans, running to opposite
sides of canyon.
Shorten hours of duty for men.

I. Mount Washburn: Future plans for the development of educational
work at this point are pending the decision on the construction of a
building on top of the mountain.

J. Tower Falls: There is little opportunity for expansion of the work
at this point until two men can be obtained to carry it on.

1930 Same program as in former years.

1931 Establish self-guiding nature trail, separate and distinct
from that used by nature guide. Preferably to Lost Lake
region.

Adequately sign the "Petrified Tree" region, telling story
of petrification.

1932 Same program.

1933 Place car at Tower Falls for transportation of man to and
from his duty at the auto camp.

1934 Establish illustrated lecture at Tower Falls Auto Camp.

1932 Install illustrated lecture at Canyon Hotel.
Organize one auto caravan to Inspiration and Artist Points.
Construct self-guiding nature trail from Lodge to Chittenden
Bridge.

1933 Place a third naturalist at Canyon.
Place car at Canyon to facilitate transportation of men to
and from their duties.
Construct self-guiding nature trail from hotel to canyon
and return.
Organize two separate auto caravans, running to opposite
sides of canyon.
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from that used by nature guide. Preferably to Lost Lake
region.

Adequately sign the "Petrified Tree" region, telling story
of petrification.

1932 Same program.

1933 Place car at Tower Falls for transportation of men to and
from his duty at the auto camp.

1934 Establish illustrated lecture at Tower Falls Auto Camp.

4. Plan for Park Naturalist's Office:

A. Personnel: One of the biggest handicaps in the Yellowstone educational work has been the lack of stenographic assistance. It is planned to obtain a full-time stenographer for the summer season of 1930 and that part time assistance will be granted during the winter of 1930-31. It is further planned to secure a full-time stenographer in May, 1931, for year around duty. This person will take over the routine office work and, in the summer, will be more or less in charge of the office, thereby freeing the Park Naturalist and Junior Park Naturalist for field and administrative work.

It is also planned to obtain, beginning in June 1930, a permanent museum caretaker who will keep the museum cleaned during the summer, assist in installing exhibits, opening and closing museums in the spring and fall. He will also keep the offices clean in the winter and take charge of the fires in the office, workshop and laboratories. In addition, to this, he will assist in the rough work of preparing exhibits.

During the winter months the museum force will consist of a Park Naturalist, Junior Park Naturalist, Stenographer and Museum Caretaker.

B. Work to be accomplished:

1. Photographs: It is planned that with the full time stenographic assistance during the coming summer and with what extra assistance can be supplied from the Superintendent's Office during the winter, the entire photographic project, including the pasting of all prints, will be completed by the beginning of the 1931 season.

2. Clippings: It is planned that, with what work can be accomplished this summer and winter, the publicity clippings will be organized and pasted in the albums by the beginning of the 1931 season. With full time stenographic assistance, this work can be kept current.

C. Reprints and Periodicals: At the present time we have hundreds of reprints, periodicals, etc., in our files which have never been catalogued. It is planned, in order to complete our "Library Plan" (see "D") to make a list of all reprints and periodicals. The stenographer will have this work completed by January 1st, 1932.

D. Libraries: Work on this project must be postponed until we receive our full-time stenographer in 1931. The plans for this work are briefly as follows:

1. Borrow from the Livingston Library a catalogue of all books and reprints published in the U.S., along with their Library of Congress number.
2. Go through all books and reprints in the Yellowstone Library and find the L. C. number.
3. Order from the Library of Congress cards for all books and reprints. Two sets of cards will be required, one for the Superintendent's office and one for the museum. Two cards should be purchased for each set--one for the author and one for the title.
4. Number and arrange the reprints, books, etc., according to the L. C. system.

This project should be completed by the summer of 1932. It will then be a simple matter for the stenographer to keep the library and cards up to date.

At present the museum has the great majority of books contained in the Yellowstone library on its shelves. It is planned to gradually remove the books from the Superintendent's Office and when a central museum is built at Mammoth to house the entire library in a special fireproof room in the new building.

E. Yellowstone Bibliography: Much time has been wasted in the past in looking through publications for material desired. This would have been unnecessary had a bibliography been available. It is planned, therefore, to make as complete a bibliography as possible of the material contained in the books of the Yellowstone Library. This will necessitate a perusal of all books, reprints and periodicals, and carding references on the various species of animals, birds, trees, etc., as well as references on geology, history, buildings, Indians, etc.

This project will be of the greatest assistance in the construction of our "Loose-Leaf Encyclopedic Manuals" (see "F") and it must be started at once in order that the two projects can be worked together. A small amount of work has been completed in the past on "Mammals" but this is negligible. When once brought up to date it will take little time for the stenographer to keep it current and to card subjects appearing in current publications and books which we receive.

F. Loose-leaf Encyclopedic Manuals: These manuals are really a Yellowstone Encyclopedia and will, when completed, incorporate a brief resumé of all facts relating to Yellowstone Park. It will be a tremendous undertaking

but one that is well worth while. The volumes will be in loose-leaf form, mimeographed, in order that obsolete material can be replaced by the latest information.

It is planned to organize the information in these volumes as follows:

Vol. #1 Fauna

Section "A"	Mammals
Section "B"	Birds
Section "C"	Reptiles and Amphibians
Section "D"	Fishes
Section "E"	Invertebrates excluding insects
Section "F"	Insects

Vol. #2 Flora

Section "A"	Thallophytes
Section "B"	Bryophytes
Section "C"	Pteridophytes
Section "D"	Spermatophytes
Section "E"	Key to Yellowstone flora

Vol. #3 Geology

Section "A"	Structural
Section "B"	Historical
Section "C"	Paleontology and Petrification
Section "D"	Geysers
Section "E"	Hot Springs
Section "F"	Fumeroles and Sulphateras
Section "G"	Boiling Points, Temperatures, etc.

Vol. #4 History

Section "A"	Discovery and Exploration Prior to 1872
Section "B"	Superintendents and Events from 1872 to Present
Section "C"	Indians
Section "D"	Old Buildings, Concessions, etc.
Section "E"	History of Various Departments

At the present time, but one section of one manual is complete--that of Mammals. The manuscript for the Bird section of Vol. #1 is complete but due to the lack of mimeograph paper it was impossible to incorporate more than 30 birds in the manual. As before stated, this project represents a tremendous task but, with the necessary stenographic assistance it can be completed within the next five years. The plan for completion is as follows

Vol. #1	Completed by Jan. 1, 1932
Vol. #2	" " June 1, 1932
Vol. #4	" " June 1, 1933
Vol. #3	" " June 1, 1934

It is felt that, with the various conflicting opinions relative to certain geological features which exist at present, it will be well to

postpone the completion of the Geological Manual until the last.

G. Condensed Manual for Preseason Study: It is planned to construct a brief manual of some 50 pages giving an outline of the history, geology and biology of Yellowstone Park for the preseason study of the appointees. It has been found in the past that by sending the three volumes of the Ranger Naturalist Manuals to them they are unable to make efficient use of them. There is too much material in these books for preseason study. It should be condensed and cut in order that the men can have a comprehensive grasp on the situation by the time they arrive in June. It is hoped that this project can be completed in time for use of the 1932 Ranger Naturalist staff.

Great Smoky Mtns National Park,
Maryville, Tenn.

March 31, 1931.

Mr. Orpheus Moyer Schantz,
Schantz Tours,
Room 521, 137 So. La Salle St.,
Chicago, Illinois.

Dear Mr. Schantz:

Dr. Atwood has referred your letter of March 2 to me for reply.

It is noted you have negotiated for the purchase of the Goodrow property where you hope to establish a comfortable place in which to entertain paid guests, both as to their food, shelter and sight seeing. Mr. Hough advises that this property is not within the exterior boundaries of the park and therefore we have no jurisdiction in the matter.

As this property is within a short distance of Andy Huff's Mountain View Hotel it appears to me that it would take a tremendous investment in order to put you in a position to compete with him. At this time this scarcely seems advisable but the matter is entirely your own affair and none of our business.

Your great interest in the Great Smoky Mountains National Park is very much appreciated and please accept assurances that we shall do everything possible to cooperate with you. Our administrative office has been established in the Federal Building at Maryville, Tennessee, and you will have no difficulty in getting in touch with me when you again come to the park. I hope to have the pleasure of meeting you and discussing our mutual problems.

Very truly yours,

J. R. Eakin,
Superintendent.

JRE/R

CC- Dr. Wallace W. Atwood,
Dr. H. C. Bryant

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

APR 22 1938

Dr. Wallace W. Atwood,
President, Clark University,
Worcester, Massachusetts.

Dear Dr. Atwood:

We were pleased to receive your letter of April 10 and the inclosed report on last summer's tour of the national parks. Mr. Albright, Dr. Bryant, and I have read the entire report through carefully and realize that you have made many constructive suggestions for the development of the educational work as well as other features of our national park system. It is unusually fine to receive these carefully thought out suggestions from one who has been able to visit almost all of the national parks and gain that greater concept of the national park system.

We are preparing extracts of your report to be sent to the different park superintendents who will be directly concerned with your recommendations. I have suggested that Dr. Bryant take a copy of your report with him when he goes to the field next summer in order to make a closer study on the ground. I am sure your recommendations will prove of real value in our development program.

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'Arno B. Cammerer', with a large, sweeping flourish at the end.

Arno B. Cammerer,
Acting Director.

April 23, 1931

Mr. Ansel F. Hall
333 Hilgard Hall
University of California
Berkeley, California

My dear Mr. Hall:

I hope Mr. Brockman will be able to carry out your suggestions and produce a good map of Rainier National Park. Your ideas are exceedingly helpful. I am passing them on to one of our advanced students here who is at work on a model of the Worcester region. The need of new relief models in several of our National Parks is very pressing. I have recommended strongly that this work be undertaken and pursued for several years until we have produced some excellent maps of that sort.

According to present plans I shall not be in the West during the coming summer, but I hope in the following year to resume some field studies in some portion of the western part of our country. This year I must stay here part of the time, and get over to Paris for an international congress if that is possible.

With kindest personal regards, I am

Sincerely yours

April 24, 1931

Mr. Arno B. Cammerer, Acting Director
National Park Service
Washington, D. C.

Dear Mr. Cammerer:

Thank you for your very appreciative letter in acknowledging my report on last summer's work for the National Park Service. I had a continual series of very pleasant experiences, and I hope the suggestions which I have made will prove to be of some value, and the knowledge which I obtained will equip me to be of still greater service in one way or another to the National Parks.

Did you know that I am to be on the program of the national meeting of the American Forestry Association at Asheville, North Carolina, on June 4th? Mr. Pratt has asked me to present an address on "The Meaning and Place of the National Parks", and he wants me to treat it in a very broad way. They indicate that they intend to publish my address in their journal, and this will undoubtedly give me an excellent opportunity to say a good word for the National Parks and have it very widely distributed.

My new plans for the National Parks Association are developing in a very interesting and satisfactory way. I think we will become a much more effective organization within the next two or three years. After years of experience in this life I have given up hoping that any worth while piece of work can be done in a moment. I believe we are moving steadily in the right direction, and we are certainly having some very fine support.

Cordially yours

Crater Lake National Park

WILLIAM GLADSTONE STEEL, COMMISSIONER

Medford, Oregon,
May 1, 1931

Dr. W. W. Atwood,
Clark University,
Worcester, Mass.

My Dear Doctor:-

In 1910 I went before Congress for an appropriation with which to make a preliminary survey of a system of roads within the Crater Lake National Park, as was successful. The survey was made under the direction of the Secretary of War, during the seasons of 1911 and 1912. Late in the latter year a report was submitted, estimating the cost at approximately \$660,000. When Congress met I was in Washington, struggling for an appropriation and succeeded in getting \$50,000 as a starter.

At the beginning of the session a Friend who had been of material assistance in getting the park created, appeared on the scene and vigorously opposed me in every way possible. His opposition was based entirely on the idea that the rim road and the hotel would greatly disfigure the landscape, so he remained there during the Winter to oppose me and asserted that he would cause the hotel to be torn down and the road abandoned.

Now we have a very crude road and the hotel stands just where I wanted it and no one believes the landscape has suffered in the slightest degree. My position is supported by the government, which is shown by the construction of a million dollar road and abandonment of the crude one now there. Theories should not be endured, when they interfere with the rights of visitors, which is now the case.

Two courses are open. Either the road will be built over the hills through the forest, in an uninteresting region, or it will be built from near the hotel, inside the rim, to the base of Kerr Notch, four miles distant, on a four per cent grade, then through a tunnel, on approximately a five per cent grade, making one of the most thrillingly beautiful roads on earth, exciting the admiration of all who see it.

At present there are probably not to exceed one per cent of visitors who go to the water. With the road in question, 100% would certainly descend and enjoy fishing and boating. Have they not a right to do so? What a tremendous increase in travel would result from such a road.

It is said a crook is to be placed in the road over the hills, so that tourists may look over the rim and see what they have missed. Unfortunately it will ruin the landscape just back of Sun Notch and no one will be pleased.

A brilliant opportunity now confronts Crater Lake and a world wide reputation hangs in the balance, but it is threatened by a cheap theory, based on the hope of getting support from those in command. Shall we stand idly by and see such a disaster thrust upon the lake, then wait for posterity to condemn us? If we fail, the next generation will demand the road and wonder at our lack of vision.

Very sincerely,

William Gladston Steel

Copies of this letter sent to

Hon. Ray Lyman Wilbur,
Mr. Horace M. Albright,
Dr. H. C. Bryant,
Mr. E. C. Solinsky,
Dr. John C. Merriam,
Dr. Isaiah Bowman,
Dr. Herman C. Bumpus,
Dr. Vernon Kellogg,
Dr. Frank R. Oastler,
Dr. Clark Wissler.

May 8, 1931

Mr. William G. Steel
Crater Lake National Park
Medford, Oregon

Dear Mr. Steel:

I have received your letter of May 1st relative to the construction of an automobile highway at Crater Lake National Park. If this matter comes before the National Park Advisory Board or before the officers of the National Parks Association, I shall certainly have your recommendations in mind.

Yours very truly

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

Dr. W. W. Atwood,
President, Clark University,
Worcester, Massachusetts.

Dear Dr. Atwood:

In a letter from Mr. Boles, Superintendent of Carlsbad Caverns National Park, dated May 20, I find the following in which I am sure you will be interested:

"Your sending me copy of Dr. Atwood's report is appreciated. I was at the Grand Canyon at the time of his visit last summer and regretted not meeting him; however I understand his visit was impromptu as he had but a few hours to spare. I sincerely hope that Dr. Atwood may visit us again this fall, and see for himself that most of his local problems have been satisfactorily met, and with the operation of our elevator the handling of our visitors will be greatly simplified.

The sanitation of this park, both underground and on the surface, has been given careful study by our Mr. Hommon, and in carrying out his recommendations we have kept the park practically free from just complaints on our sanitation, even though the recent drought has the worst in twenty years.

I am especially pleased at Dr. Atwood's mention of our ranger force and 'amateur' nature guide work; and should he visit us again he would note even further improvement."

Sincerely yours,



H. C. Bryant,
Assistant Director.

CC Supt. Boles

June 2, 1931

Mr. H. C. Bryant, Assistant Director
National Park Service
Washington, D. C.

My dear Mr. Bryant:

Thank you for your kindness in
sending me an extract from Mr. Boles' letter.
I sincerely hope he is carrying out plans to
improve the sanitary conditions around Carlsbad.

Sincerely yours

June 11, 1931

Mr. C.A. Harwell
Yosemite National Park
California

Dear Mr. Harwell:

I have just been looking over the May number of your NATURE NOTES and I want to congratulate you on your many excellent plans to take people out on hikes in the High Sierras. I hope you will always be in sympathy with the plans which take many of those who visit the Park away from the floor of the valley and away from the crowds that congregate in that particular portion of the Park.

I found this number of the NATURE NOTES particularly interesting.

With kindest personal regards, I am,

Yours very truly

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

JUN 17 1933

Dr. W. W. Atwood,
President, Clark University,
Worcester, Massachusetts.

Dear Dr. Atwood:

You will doubtless be interested in seeing the completed report on the development of the educational movement in the national parks sent by the Secretary of the Interior to The Rockefeller Foundation recently, and I am inclosing a copy herewith for your permanent files.

I regret that we are unable to furnish all of the photographs and graphs which accompanied the original report.

This report contains so much useful information that we are wondering if it would not be a good thing to issue a revised edition of it as a bulletin to give out to the many who are now inquiring about the history and methods of the ranger naturalist service in the parks.

Sincerely yours,



Arno B. Cammerer,
Acting Director.

Inc. 54144

June 20, 1931

Mr. Arno B. Cammerer
Acting Director
National Park Service
Department of the Interior
Washington, D.C.

Dear Mr. Cammerer:

First I want to thank you for the report on the educational work for the Parks Service which you so kindly forwarded to me. I shall read every word of that this weekend.

I was sorry that I did not find you in your office when I called a few days ago. There were a good many things that I would have liked to talk over and I could have talked them over much better than I can put them in a letter.

You are naturally interested in our National Parks Association and I want to have you know all about it. Dr. Merriam and I wanted to have Mr. Albright invited to our annual meeting and we were both disappointed that that plan was not carried out. We also wanted Mr. Butler of the American Forestry Association and that plan wasn't carried out. We have really made excellent headway in reorganizing the whole academic side of the National Parks Association. We now have a remarkably fine group of men, several of whom are eminent in their respective fields of science or education. Others are very high-grade public spirited characters and they are all interested in helping the organization function as it should in the support and promotion of the great National Park Service work. I wish you and Mr. Albright and all others connected with the Service would realize that our whole ambition is to be as a permanent organization going on with ~~the~~ consistent policy through one administration after another, to be a great moral and practical support to the National Park movement in this country. There may be times when the help of the Association is not needed as much as at other times, but I doubt whether many years will pass without the National Park Service finding that such an organization of citizens, free from all entangling alliances and fearless, always looking at the problems from the standpoint of what is best in a great national program, will be of service.

Through our newly organized Board of Trustees we represent as a body at least 5,000 citizens. This reorganization is working out wonderfully well and I believe we can count on a strong support for any carefully worked out plan or policy which the Association establishes or adopts.

Wallace writes that you asked about the financial affairs of the Association. We have had some little falling off in our subscriptions just as most similar organizations have had during the last year or two but we have taken a strong hold of that side of our affairs. The Executive Committee, of which I have now taken the Chairmanship, has looked the facts squarely in the face and made out a budget which is reasonable and sane. It is one which we believe we can carry out this year. Perhaps you have learned that President Marvin of the George

Washington University, at my request, has furnished us with a suite of very attractive rooms in one of their buildings. This has given us a very good association with such an institution. President Marvin has taken a position on our Board of Trustees and it has, of course, cut down our overhead expenses in Washington considerably. I thoroughly believe in a conservation of resources and care in the use of all funds that are given to us. Hereafter we will be able to use a higher percentage of all money subscribed for the promotion of the work for which we exist.

I have another financial program pretty well organized and under way. We are planning to raise a fund of \$20,000 for each year during the succeeding three years. We have some of that pledged and our Executive Committee has agreed upon a plan which we expect to carry out in the fall for raising the rest of it. That fund is to be used for a promotional campaign and through that campaign I fully expect to place the Association on a sound financial basis with a much larger income than it has today. Of course I consider it sound today but it is necessary to economize and we are unable to do a good many things which we want to do. I have recommended that when we start this campaign we inaugurate a quarterly publication of our Bulletin incorporating a series of beautifully illustrated articles on the National Parks. We want to distribute this widely and build up a much larger number of friends and supporters of the National Parks. This, of course, would go to all members of the Association. We will undoubtedly employ another man to help in the administration of our organization. I hope Mr. Yard will give most of his time to editorial work for the quarterly or for news bulletins that may go out in between the appearance of the quarterly. I am hunting now for the right man to come in and help us promote the work of the Association.

Perhaps there are specific questions which you would like to know more about and if so do not hesitate to ask me. I think you know better than I did some of the problems which I inherited. I have been tremendously encouraged, however, and helped by a group of very able men who are all friends of the National Parks Association and deeply interested in the work of the National Park Service. We are making excellent progress and I am looking forward to a very smoothly running organization.

I shall miss seeing the parks this summer but I fully expect to be in the west next summer and perhaps for several years to come. I have been outlining some field studies which I intend to carry out during the summer seasons. That work will take me into the high mountain country of the west.

With kindest personal regards, I am

Charles D. Walcott

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

JUN 22 1931

Dr. Wallace W. Atwood,
President, Clark University,
Worcester, Massachusetts.

Dear Doctor Atwood:

Thank you most heartily for your fine letter of June 20th, which came in at a very opportune moment. I appreciate the careful elaboration of your Association's plans and policies, which I shall have opportunity to use in the right direction, I am sure.

With kindest personal regards, and best of good wishes,

Sincerely yours,


Acting Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

JUL -9 1933

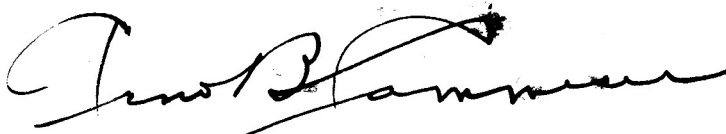
Dr. W. W. Atwood,
President, Clark University,
Worcester, Massachusetts.

Dear Doctor Atwood:

I am indeed indebted to you for your note of July 3 and the copy of the printed report which you prepared on your ten years' work in your Graduate School of Geography. I shall take it home with me and read it with the greatest interest, because I have a real interest in that work and know that you have accomplished wonders in a field that was comparatively new.

Thank you again for remembering me.

Sincerely yours,

A handwritten signature in cursive script, reading "Fred B. Hamman". The signature is written in dark ink and is positioned above the typed name "Acting Director.".

Acting Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

CRATER LAKE NATIONAL PARK

OFFICE OF THE SUPERINTENDENT

CRATER LAKE, OREGON

July 20, 1931

Dr. Wallace W. Atwood
President, Clark University
Worcester, Massachusetts

Dear Dr. Atwood:

I appreciate very much your thought in sending me the historical account of the School of Geography. I have read it with intense interest and wish to congratulate you on the fine attainment. It makes me wish that someone would start a similar school, specializing in Biology. Stanford University has a "School of Biology" but as yet has not been able to do the sort of thing accomplished at Clark.

I am here at Crater Lake and am impressed with the program instituted. The Sinnott Memorial is a most appropriate building and I think that the exhibits that are planned will help to make it a station of equal value to Yavapai. Dr. Hinds failed to accept the Park Naturalist position at Grand Canyon and we are now at a loss where to turn to find the right man. In talking to Hinds recently I find that he plans a trip to Crater Lake to see if he can contribute something to the geology of this region and then, if Wallace R. can devote some time to the matter, it really looks as though progress will be made this summer.

You will doubtless be interested to hear that carbonized wood has been found about twenty miles from here, just outside the park. Apparently the logs were buried in hot ashes. Dr. Merriam prophesied several years ago that such would be found.

I am greatly enjoying my visits to the parks and am learning a great deal.

Sincerely yours,



H. C. Bryant

H. R. 5063

IN THE HOUSE OF REPRESENTATIVES

DECEMBER 9, 1931

Mrs. OWEN introduced the following bill; which was referred to the Committee on the Public Lands and ordered to be printed

A BILL

To provide for the establishment of the Everglades National Park in the State of Florida, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*
3 That when title to all the lands within boundaries to be
4 determined by the Secretary of the Interior within the area
5 of approximately two thousand square miles in the region
6 of the Everglades of Dade, Monroe, and Collier Counties,
7 in the State of Florida, recommended as a national park by
8 said Secretary in his report to Congress of December 3,
9 1930, pursuant to the Act of March 1, 1929 (45 Stat. pt. 1,
10 1443), shall have been vested in the United States, said

1 lands shall be and are hereby established, dedicated, and set
2 apart as a public park for the benefit and enjoyment of the
3 people and shall be known as the Everglades National
4 Park: *Provided*, That the United States shall not purchase
5 by appropriation of public moneys any land within the
6 aforesaid area, but such lands shall be secured by the United
7 States only by public or private donation.

8 SEC. 2. The Secretary of the Interior is hereby author-
9 ized, in his discretion and upon submission of evidence of
10 title satisfactory to him, to accept on behalf of the United
11 States title to the lands referred to in the previous section
12 hereof as may be deemed by him necessary or desirable for
13 national park purposes: *Provided*, That no land for said
14 park shall be accepted until exclusive jurisdiction over the
15 entire park area, in form satisfactory to the Secretary of
16 the Interior, shall have been ceded by the State of Florida
17 to the United States.

18 SEC. 3. The administration, protection, and develop-
19 ment of the aforesaid park shall be exercised under the
20 direction of the Secretary of the Interior by the National
21 Park Service, subject to the provisions of the Act of
22 August 25, 1916 (39 Stat. 535), entitled "An Act to
23 establish a National Park Service, and for other purposes,"
24 as amended: *Provided*, That the provisions of the Act ap-
25 proved June 10, 1920, known as the Federal Water Power

1 Act, shall not apply to this park: *Provided further*, That
2 nothing in this Act shall be construed to lessen any existing
3 rights of the Seminole Indians which are not in conflict
4 with the purposes for which the Everglades National Park
5 is created.

72ND CONGRESS }
1ST SESSION } **H. R. 5063**

A BILL

To provide for the establishment of the Everglades National Park in the State of Florida, and for other purposes.

By Mrs. OWEN

DECEMBER 9, 1931

Referred to the Committee on the Public Lands and
ordered to be printed

72D CONGRESS
1ST SESSION

S. 1089

IN THE SENATE OF THE UNITED STATES

DECEMBER 9, 1931

Mr. SWANSON introduced the following bill; which was read twice and referred to the Committee on Public Lands and Surveys

A BILL

To establish a minimum area for a Shenandoah National Park, for administration, protection, and general development by the National Park Service, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*
3 That the minimum area for administration, protection, and
4 general development by the National Park Service in the
5 Shenandoah National Park, the establishment of which is
6 provided for by the Act of Congress approved May 22, 1926
7 (44 Stat. 616), be, and the same is hereby, established as
8 one hundred and sixty thousand acres, and so much of the
9 said Act of May 22, 1926, and of the Act of February 16,

1 1928 (45 Stat. 109), as is inconsistent herewith is hereby
2 repealed.

3 SEC. 2. That the Secretary of the Interior be, and he
4 is hereby, authorized in his discretion to accept title to lands
5 tendered without cost to the United States within the areas
6 of the Shenandoah National Park, the Great Smoky Moun-
7 tains National Park, Mammoth Cave National Park, and the
8 Isle Royale National Park, subject to leases entered into
9 and granted as part consideration in connection with the
10 purchase of said land for tender to the United States for
11 park purposes: *Provided*, That said leases and the terms and
12 conditions thereof shall have previously been submitted to
13 and approved by said Secretary: *And provided further*, That
14 he may lease upon such terms and conditions as he deems
15 proper any lands within the aforesaid areas when such use
16 shall not be deemed by him inconsistent with the purposes
17 for which the lands were acquired on behalf of the United
18 States, to persons, educational or religious institutions, pri-
19 vate corporations, associations, and partnerships previously
20 occupying such land for terms not exceeding the particular
21 lifetime in the case of natural persons, and not exceeding
22 twenty years in all other cases which latter leases may be
23 renewed in the discretion of said Secretary.

72^d CONGRESS }
1ST Session } **S. 1089**

A BILL

To establish a minimum area for a Shenandoah National Park, for administration, protection, and general development by the National Park Service, and for other purposes.

By Mr. SWANSON

DECEMBER 9, 1931

Read twice and referred to the Committee on
Public Lands and Surveys

NATIONAL ACADEMY OF SCIENCES

Office of the President
B and 21st Streets
Washington, D. C.

December 10, 1931.

Mr. Horace M. Albright,
Director, National Park Service,
U. S. Department of the Interior,
Washington, D. C.

West Park

Dear Sir:

Your letter of November 13, 1931, requesting the National Academy of Sciences to furnish an opinion as to whether the area and structure known as Meteor Crater, in Arizona, is of sufficient scientific worth to make desirable its organization as a national monument, for administration by National Park Service, and whether it meets national parks standards, was presented to the Council of the National Academy of Sciences at its meeting in New Haven, Connecticut, on November 15, 1931. The Council authorized the President of the Academy to appoint a committee to consider the subject. This was done, and the committee, consisting of Academy members representing the astronomical and geological sciences, reported its findings to the Executive Committee of the Council of the Academy at its meeting on December 8, 1931. This report, reading as follows, was approved by the Executive Committee and adopted as the action of the Academy:

"In reply to the inquiry of the Director of National Park Service to the National Academy relative to significance of Meteor Crater as possibly an outstanding natural feature, the special committee of the National Academy of Sciences has made a careful study of the project and desires to make record of its opinion as follows:

The area known as Meteor Crater, in Arizona, is recognized by astronomers and geologists as one of the most interesting natural features of the world. The evidence furnished by this great pit, made through contact of a meteor or of meteors with the surface of the earth, brings to the mind, as perhaps does no other physical phenomenon, the idea of the earth as traveling in space through a region in which other bodies move in varying directions and at different speeds.

In view of the national and international interest in Meteor Crater, it is recommended that the National Academy of Sciences express to National Park Service its opinion that this area should be secured as one of the exceptionally important natural features to be guarded and interpreted by our National Government for the interest and education of the people of this and other countries."

Yours very truly,

(Signed) W. W. Campbell

President.